



REPLACEMENT SHEET

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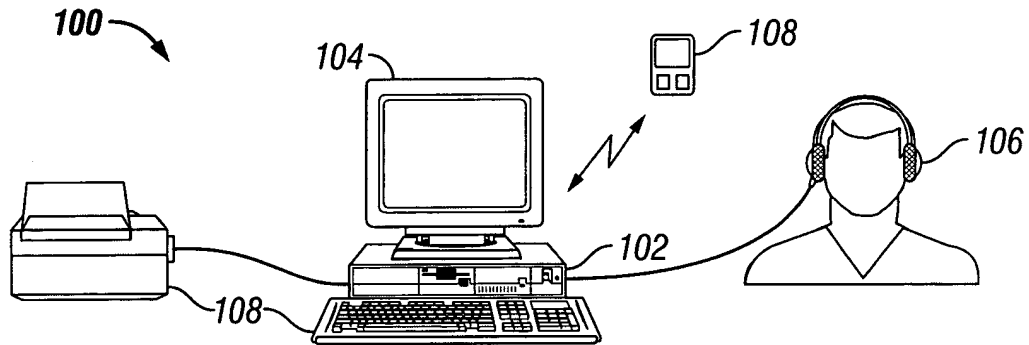


FIG. 1

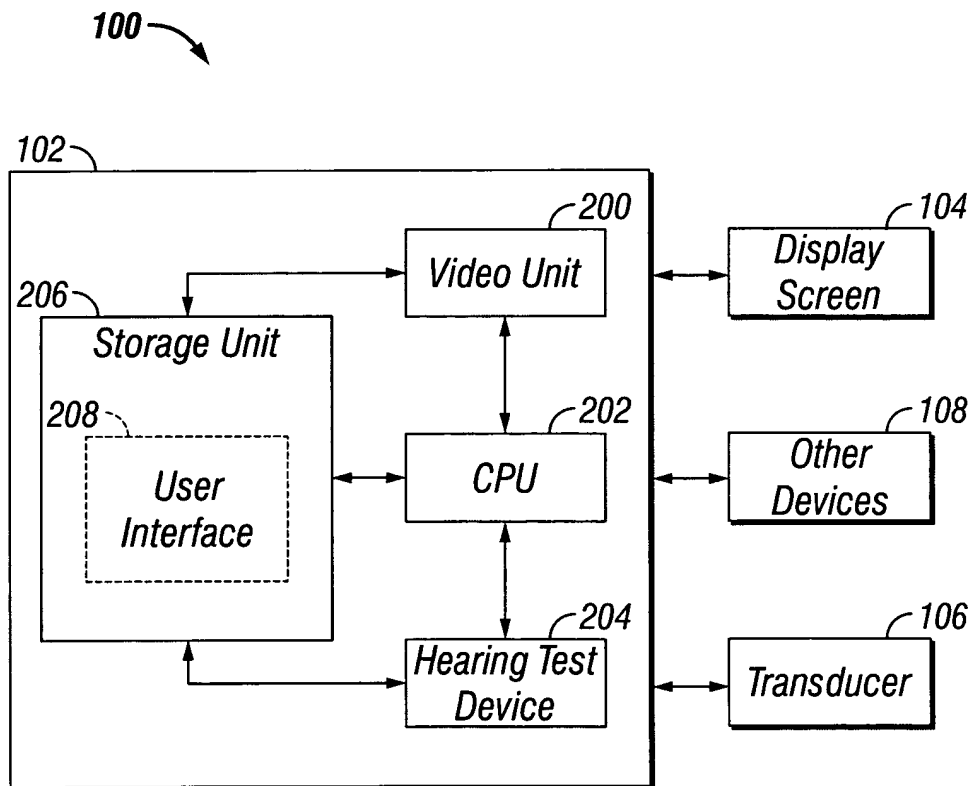


FIG. 2

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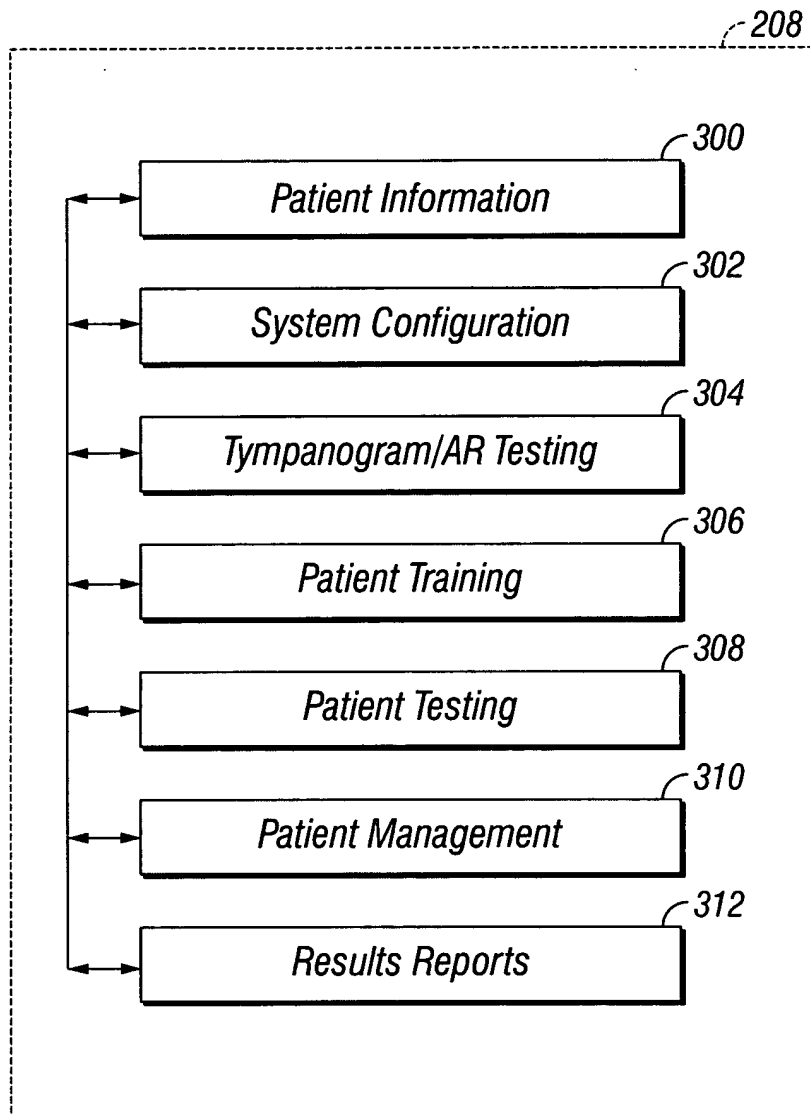


FIG. 3

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400

Otoqram

New Session

Testing Language: English

Chart Number:

Patient Name:

View Reports

Advanced Options

Turn Off

Reconfigure

☒ Tympanogram  
☒ Acoustic Reflex  
☒ DP Otoacoustic Emissions  
☐ Air and Bone Conduction  
☐ Speech Reception  
☐ Speech Discrim  
☐ Patient Survey

FIG. 4

500

Otoqram Configuration

Input Screen | Paging Encoder Interface | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

Doctors:

Administrators:

Optional Input Fields

☒ Doctor's Name Displayed ☐ Required  
☒ Clinic's Name Displayed ☒ Required  
☐ Date of Birth Displayed ☐ Required  
☐ Sex Displayed ☐ Required  
☒ Test Administrator Displayed ☒ Required

Add Up Down Remove Add Up Down Remove

Clinic Southwest ENT Chart# Default

Save Exit

FIG. 5A

# REPLACEMENT SHEET

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520

**Otogram Configuration**

Input Screen | **Paging Encoder Interface** | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

522 ☒ Paging Encoder is Attached

524 {

Communications Port: 1

Encoder ID: WaveWare Paging Encoder

Encoder Timeout: 500

Pager CapCode: 0000100

Pager Data Rate: 5

Save Exit

FIG. 5B

530

**Otogram Configuration**

Input Screen | **Paging Encoder Interface** | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

532 ☒ Page Administrator at end of testing session

534 ☐ Page Administrator at end of each test

536 ☒ Page Administrator after inactivity threshold

538 ☒ Page Administrator after inability to reach pure tone threshold

Page Format [%N-Patent Name, %T-Test Name.]

539 {

%N's Otogram is completed.

%N has completed the %T test.

%N is not progressing through the %T test.

Inactivity Threshold (in seconds): 120

%N is not progressing through the %T test.

Inability Threshold (in seconds): 360

540

Paging Device: Radio

Network Paging Drop:

Save and Exit Exit

FIG. 5C

# REPLACEMENT SHEET

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544

**Otoqram Configuration**

Input Screen	Paging	Encoder Interface	Paging Options	Machine Options	Reporting Options	Network Options	Test Options
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Machine Identifier

546

Save Exit

FIG. 5D

548

**Otoqram Configuration**

Input Screen	Paging	Encoder Interface	Paging Options	Machine Options	Reporting Options	Network Options	Test Options
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Number of reports to print automatically at end of testing session 1 550

Minimum intensity to report 0 552

Save Exit

FIG. 5E

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554

**Otogram Configuration**

Input Screen | Paging Encoder Interface | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

Web server root:  556

Save and Exit Exit

FIG. 5F

560

**Otogram Configuration**

Input Screen | Paging Encoder Interface | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

564 { Speech Reception Threshold | Survey | DP Otoacoustic Emissions

Pure Tone Air & Bone Conduction | Tympanometry | Acoustic Reflex | Speech Discrimination

Name:  568

	250	500	1K	2K	3K	4K	6K	8K	
Always	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	570
Never	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
As Needed	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	

☐ Always mask bone 574

PTA is defined as average of:

- ☒ 2 best of 500Hz, 1kHz and 2kHz
- ☐ 500Hz + best of 1kHz and 2kHz
- ☐ 500Hz, 1kHz and 2kHz
- ☐ 500Hz, 1kHz, 2kHz, 3 or 4kHz

566

572

Test Selection Defaults

- ☒ Tympanometry
- ☒ Acoustic Reflex
- ☒ DP Otoacoustic Emissions
- ☐ Air and Bone Conduction
- ☐ Speech Reception Threshold
- ☐ Speech Discrimination
- ☐ Patient Survey

562

Save and Exit Exit

FIG. 5G

# REPLACEMENT SHEET

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560

**Otoagram Configuration**

Input Screen | Paging Encoder Interface | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

Speech Reception Threshold | Survey | DP Otoacoustic Emissions

Pure Tone Air & Bone Conduction | Tympanometry | Acoustic Reflex | Speech Discrimination

578 Name:

Comm Port:  ☐ Zodiac 901 ☐ GSI-38 ☒ Ruffy ☐ No Timp Attached

580 Starting Pressure (daPa):  Ending Pressure (daPa):

582 Calibration Values

	Left	Right
0.5 cm3	<input type="text" value="0"/> Cal	<input type="text" value="-25.76"/> Cal
2.0 cm3	<input type="text" value="0"/> Cal	<input type="text" value="-21.21"/> Cal
4.0 cm3	<input type="text" value="0"/> Cal	<input type="text" value="-17.61"/> Cal

576

562 Test Selection Defaults

- ☒ Tympanometry
- ☒ Acoustic Reflex
- ☒ DP Otoacoustic Emissions
- ☐ Air and Bone Conduction
- ☐ Speech Reception Threshold
- ☐ Speech Discrimination
- ☐ Patient Survey

Save and Exit Exit

FIG. 5H

560

**Otoagram Configuration**

Input Screen | Paging Encoder Interface | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

Speech Reception Threshold | Survey | DP Otoacoustic Emissions

Pure Tone Air & Bone Conduction | Tympanometry | Acoustic Reflex | Speech Discrimination

584 Name:

585 Ipsilateral: ☒ Contralateral: ☐

500 Initial dB Level:

1K dB Increment Size:

2K Reflex Threshold (cm3):

4K ☒ ☐

586

562 Test Selection Defaults

- ☒ Tympanometry
- ☒ Acoustic Reflex
- ☒ DP Otoacoustic Emissions
- ☐ Air and Bone Conduction
- ☐ Speech Reception Threshold
- ☐ Speech Discrimination
- ☐ Patient Survey

Save and Exit Exit

FIG. 5I

# REPLACEMENT SHEET

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560

**Otogram Configuration**

Input Screen | Paging Encoder Interface | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

Speech Reception Threshold | Survey | DP Otoacoustic Emissions | Pure Tone Air & Bone Conduction | Tympanometry | Acoustic Reflex | Speech Discrimination

Name: Discrim 588

Presentation Base Level: AI Boost: 0

Presentation Type: Closed

Maximum Presentations: 12

Min Presentation Level: 30

Max Presentation Level: 120 587

Word List (Open Set, English Only): W-22

589

Test Selection Defaults

- ☒ Tympanometry
- ☒ Acoustic Reflex
- ☒ DP Otoacoustic Emissions
- ☐ Air and Bone Conduction
- ☐ Speech Reception Threshold
- ☐ Speech Discrimination
- ☐ Patient Survey

562

Save and Exit Exit

FIG. 5J

560

**Otogram Configuration**

Input Screen | Paging Encoder Interface | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

Pure Tone Air & Bone Conduction | Tympanometry | Acoustic Reflex | Speech Discrimination | Speech Reception Threshold | Survey | DP Otoacoustic Emissions

Name: SRT 591

590

Test Selection Defaults

- ☒ Tympanometry
- ☒ Acoustic Reflex
- ☒ DP Otoacoustic Emissions
- ☐ Air and Bone Conduction
- ☐ Speech Reception Threshold
- ☐ Speech Discrimination
- ☐ Patient Survey

562

Save and Exit Exit

FIG. 5K



# REPLACEMENT SHEET

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560

**Otoqram Configuration**

Input Screen | Paging Encoder Interface | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

Pure Tone Air & Bone Conduction | Tympanometry | Acoustic Reflex | Speech Discrimination

Speech Reception Threshold | Survey | DP Otoacoustic Emissions

Name:  } 593

Survey Name:

592

Test Selection Defaults:

- ☒ Tympanometry
- ☒ Acoustic Reflex
- ☒ DP Otoacoustic Emissions
- ☐ Air and Bone Conduction
- ☐ Speech Reception Threshold
- ☐ Speech Discrimination
- ☐ Patient Survey

562

Save and Exit Exit

FIG. 5L

560

**Otoqram Configuration**

Input Screen | Paging Encoder Interface | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

Pure Tone Air & Bone Conduction | Tympanometry | Acoustic Reflex | Speech Discrimination

Speech Reception Threshold | Survey | DP Otoacoustic Emissions

Name:  595

596

	Test	Response Floor	Noise Ceiling	L1 (db)
500	<input checked="" type="checkbox"/>	<input type="text" value="-5"/>	<input type="text" value="15"/>	<input type="text" value="60"/>
1K	<input checked="" type="checkbox"/>	<input type="text" value="-5"/>	<input type="text" value="0"/>	<input type="text" value="50"/>
2K	<input checked="" type="checkbox"/>	<input type="text" value="-5"/>	<input type="text" value="-10"/>	
4K	<input checked="" type="checkbox"/>	<input type="text" value="-5"/>	<input type="text" value="-15"/>	

594

Test Selection Defaults:

- ☒ Tympanometry
- ☒ Acoustic Reflex
- ☒ DP Otoacoustic Emissions
- ☐ Air and Bone Conduction
- ☐ Speech Reception Threshold
- ☐ Speech Discrimination
- ☐ Patient Survey

562

Save and Exit Exit

FIG. 5M

# REPLACEMENT SHEET

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600

Otogram

Test > Tympanogram

Measuring

Right Tymp - 19:59

608 Command

606

	500 Hz	1000 Hz	2000 Hz	4000 Hz
Right Ear				
ECV	1.84 mmho			
SC	3.38 mmho			
MEP	-90 daPa			
Ipsi	NA	NA	NA	NA
Contra				
OAE	-16.77	-10.63	-17.83	-35.57
Response	-20.36	-17.52	-32.11	-30.12

604

Left Ear

	500 Hz	1000 Hz	2000 Hz	4000 Hz
ECV	mmho			
SC	mmho			
MEP	daPa			
Ipsi				
Contra				
OAE				
Response				

Pressurizing

610 Skip This Ear

FIG. 6A

612

Otogram

Test > Tympanogram

Measuring

Done. Review Results.

614

616

618

618

	500 Hz	1000 Hz	2000 Hz	4000 Hz
Right Ear				
ECV	1.96 mmho			
SC	2.94 mmho			
MEP	-100 daPa			
Ipsi	NA	NA	NA	NA
Contra				
OAE	-21.28	-11.05	-17.16	-46.41
Response	-29.47	5.77	-33.34	-34.93

Left Ear

	500 Hz	1000 Hz	2000 Hz	4000 Hz
ECV	mmho			
SC	mmho			
MEP	daPa			
Ipsi				
Contra				
OAE				
Response				

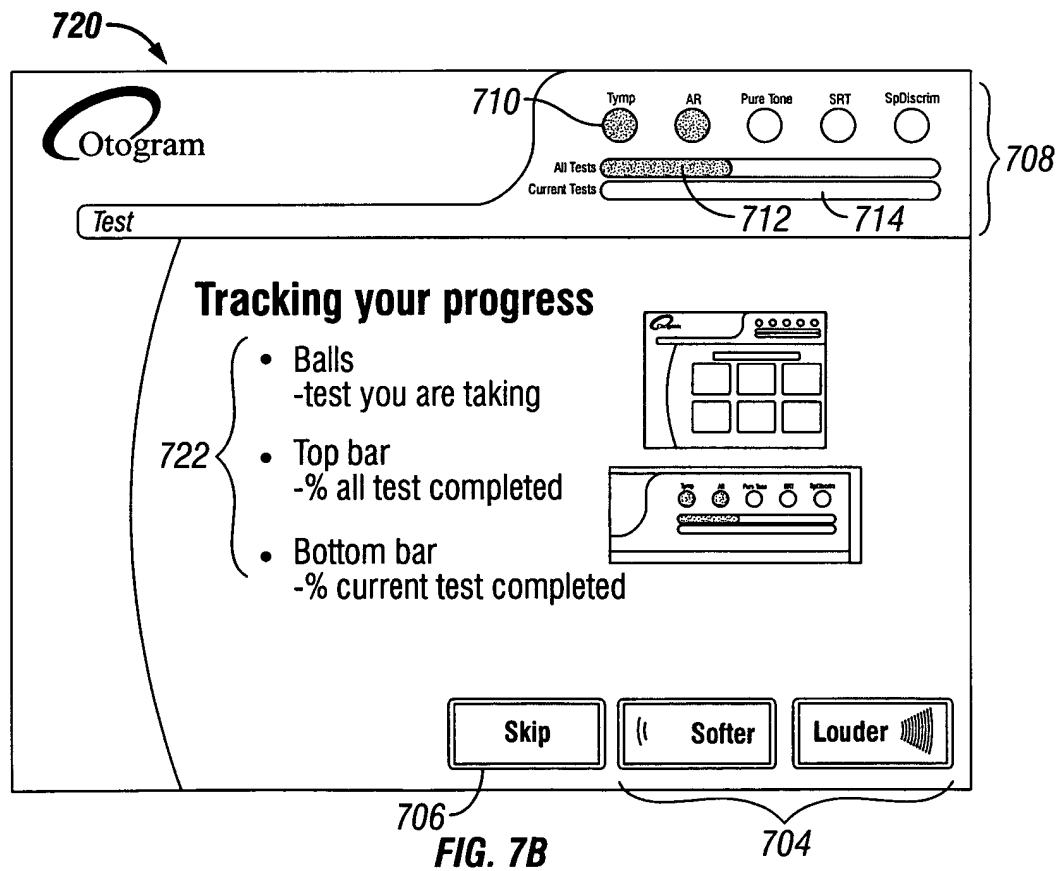
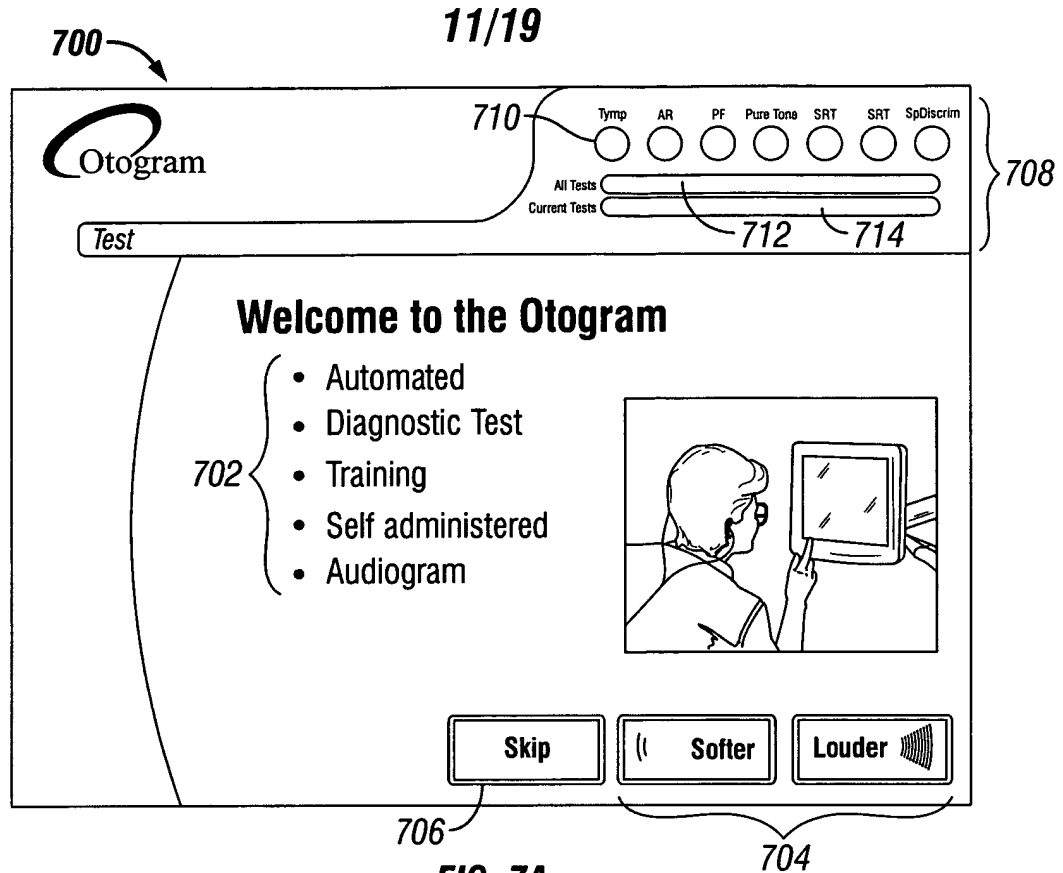
Accept Results

Redo Right

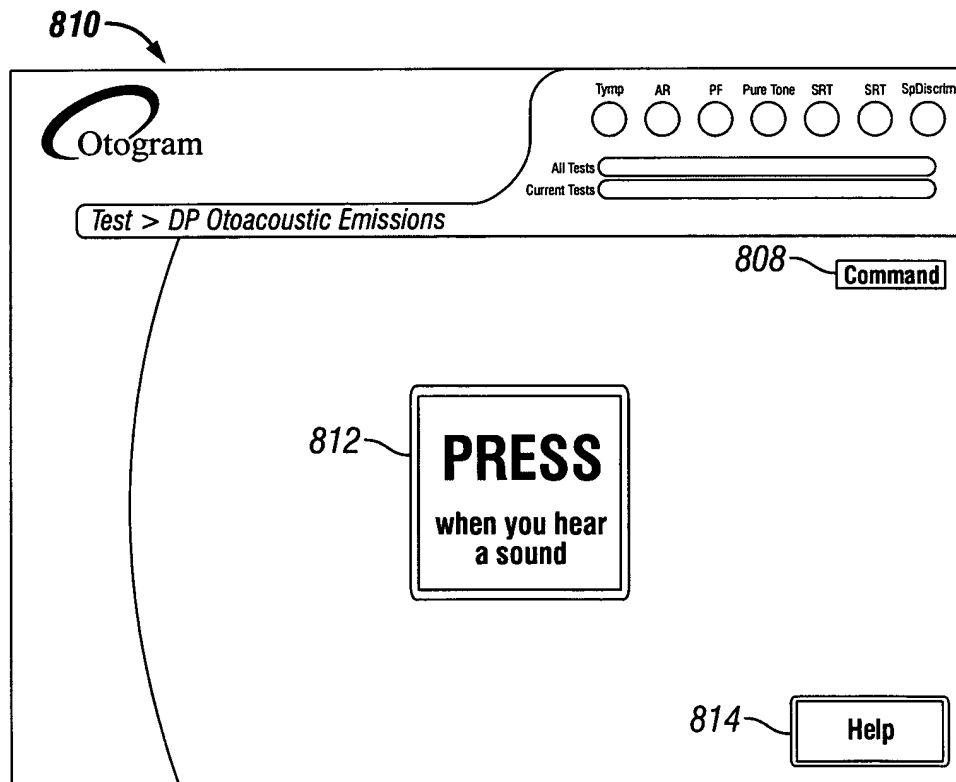
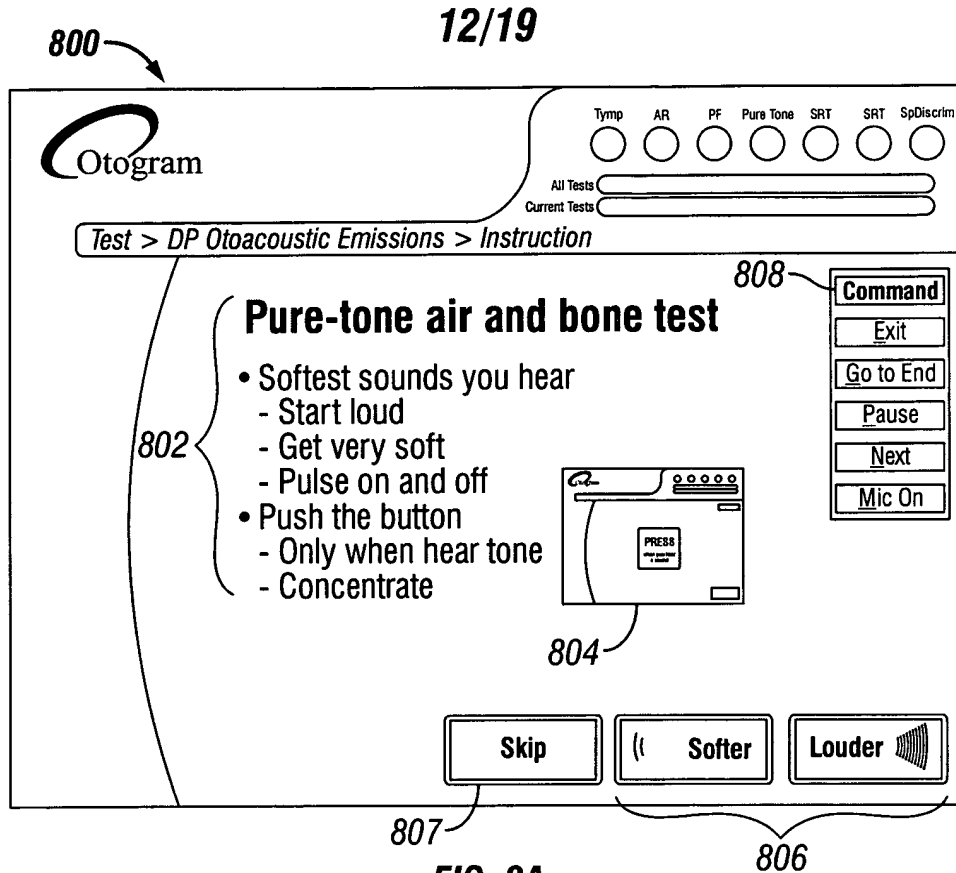
Redo Left

FIG. 6B

# REPLACEMENT SHEET



# REPLACEMENT SHEET



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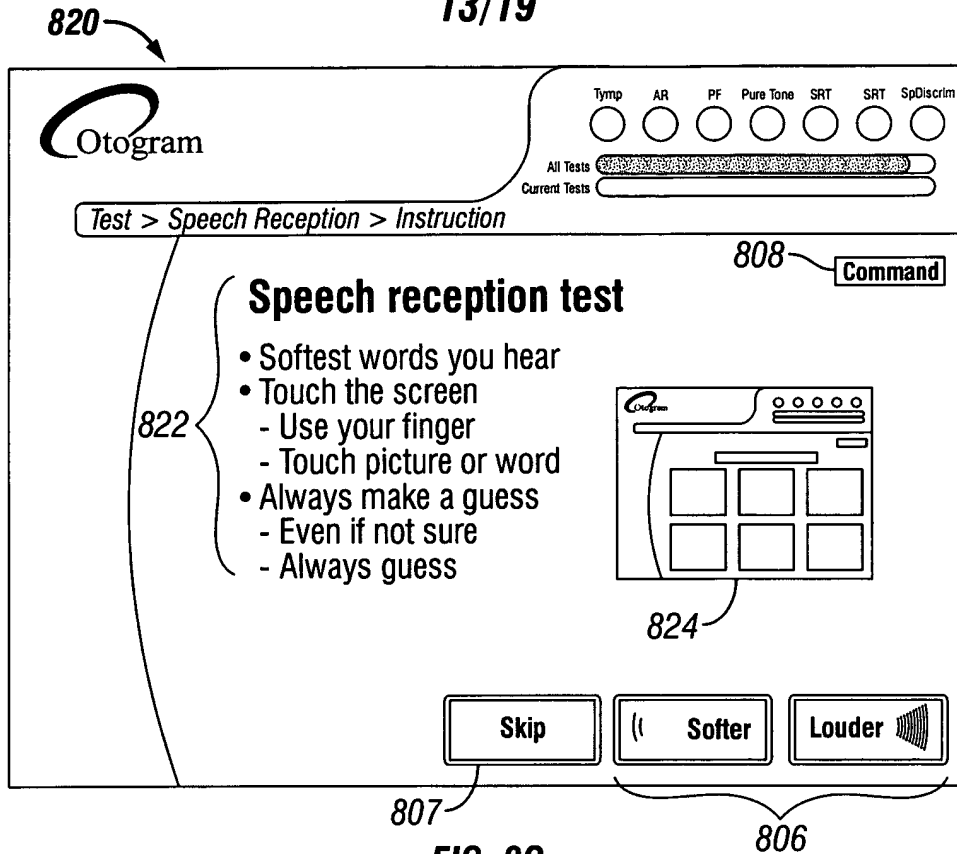


FIG. 8C

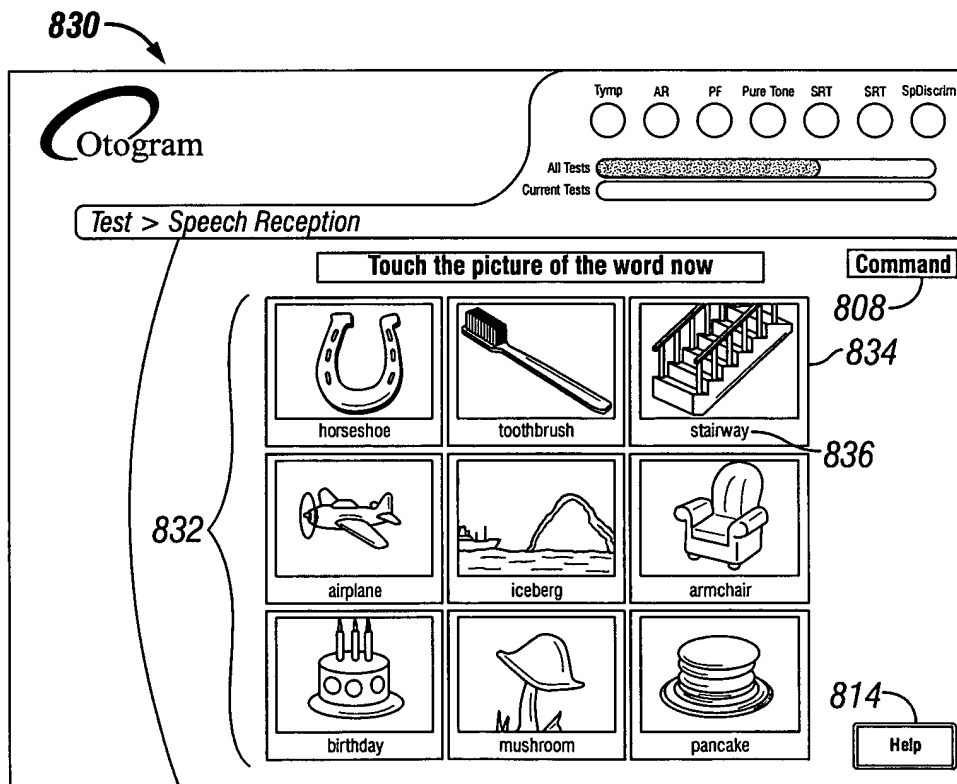
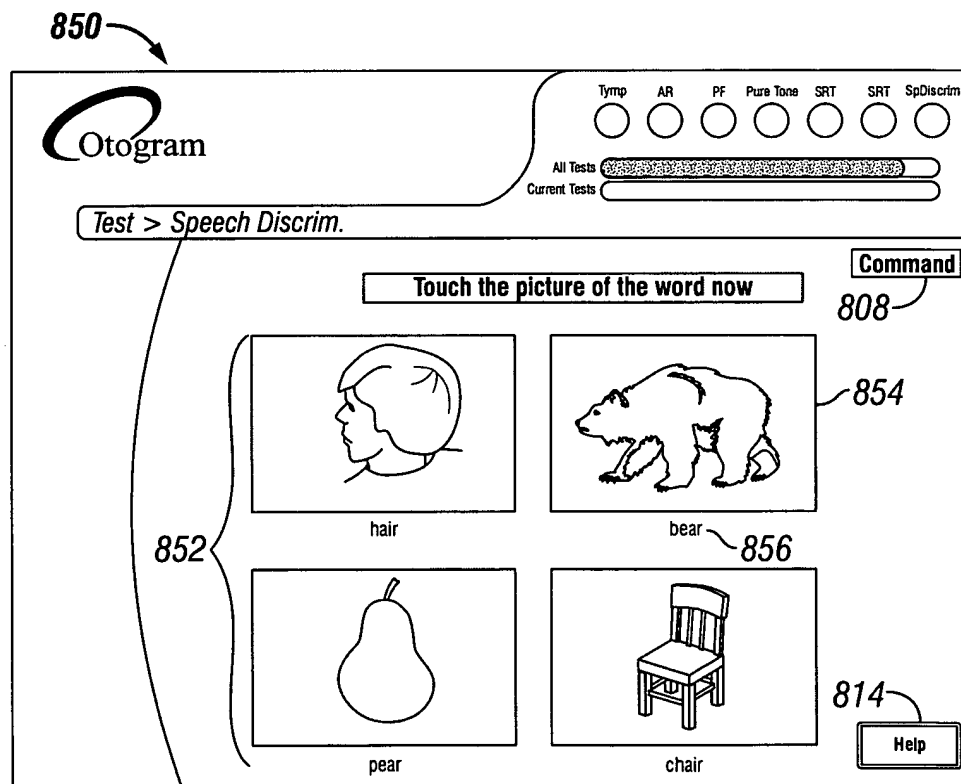
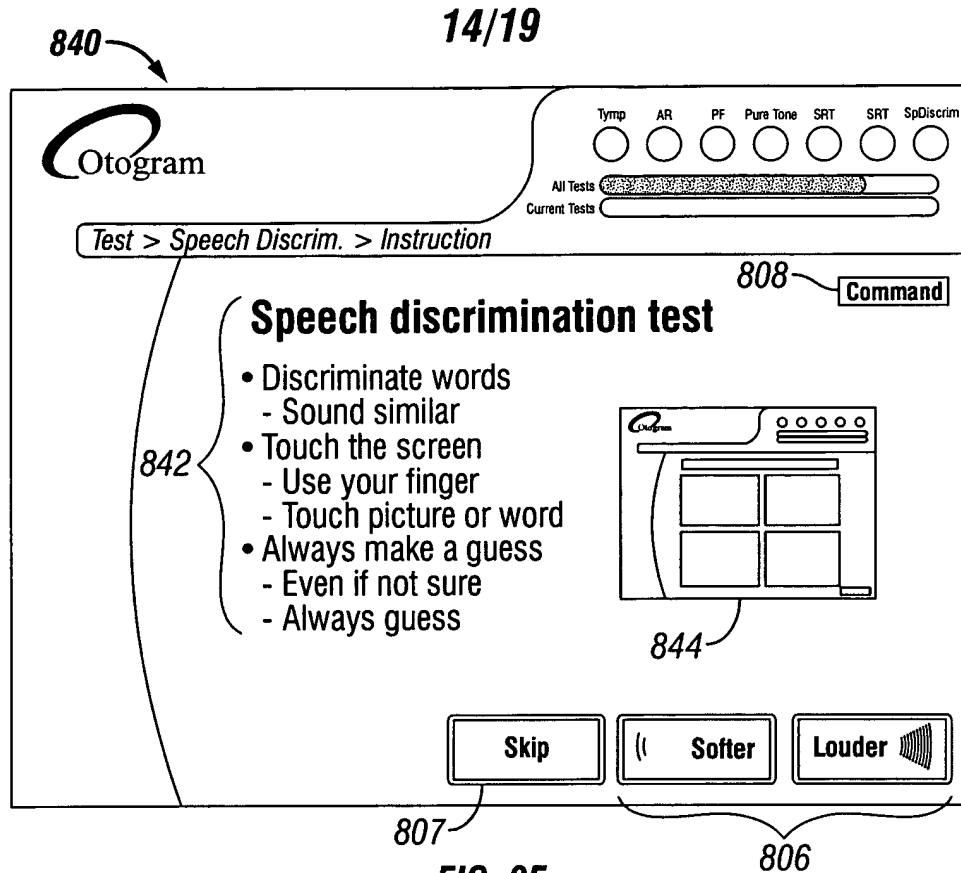


FIG. 8D



# REPLACEMENT SHEET

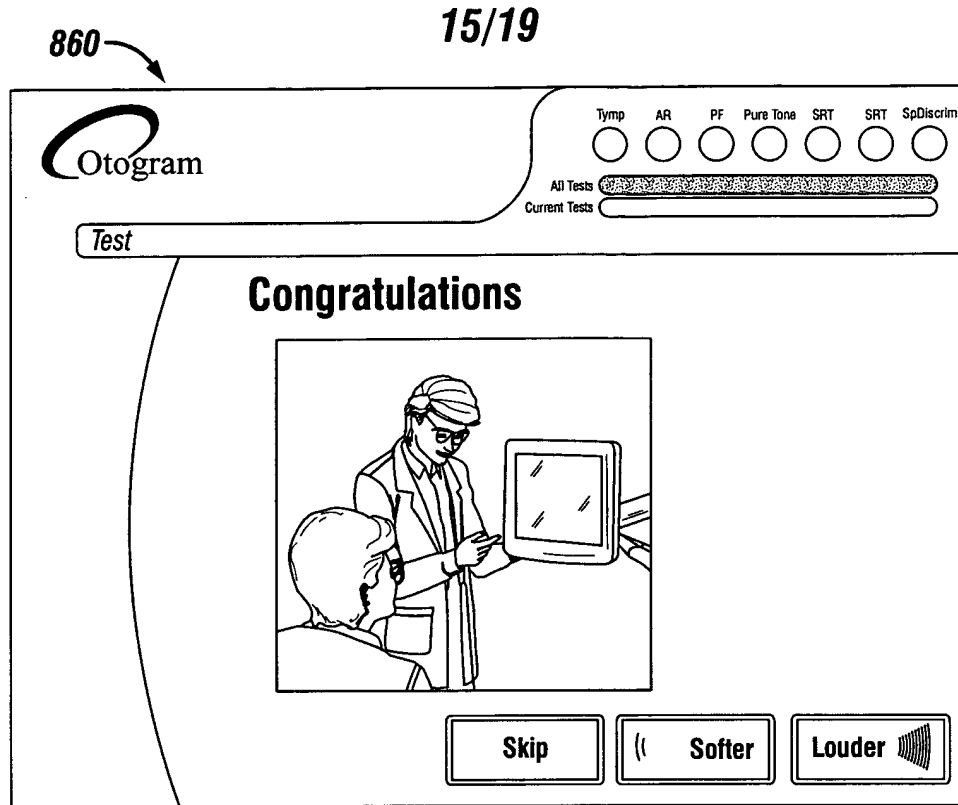


FIG. 8G

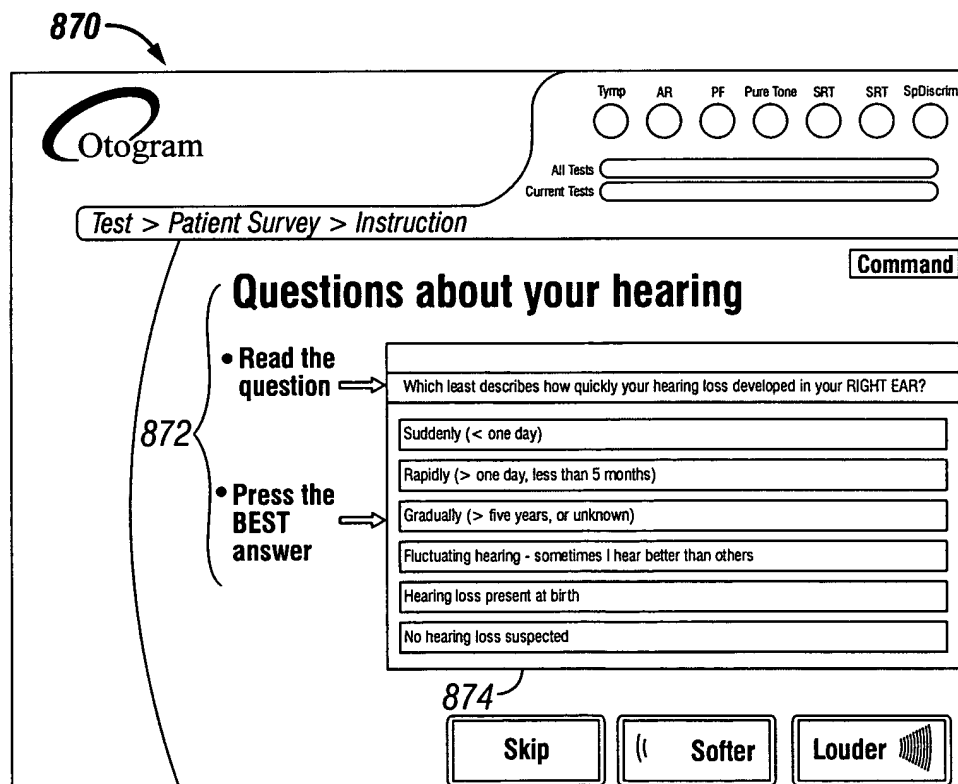


FIG. 8H

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880

Otogram

Test > Patient Survey

Tymp   AR   PF   Pure Tone   SRT   SRT   SpDiscrim  
☐   ☐   ☐   ☐   ☐   ☐   ☐  
 All Tests  
 Current Tests

**Hearing Questionnaire**

882 Does a hearing problem cause you to use the phone less often than you would like?

884

Yes

Sometimes

No

Command

FIG. 8I

900

**The test administrator  
has been paged.**

**Please wait for the  
administrator to return.**

FIG. 9



# REPLACEMENT SHEET

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1000

Otoqram

Report

Redo Some Tests 1002

New Session 1004

View Report 1006

Print Billing 1008

Print Report 1010

Tymp AR PF Pure Tone SRT SRT SpDiscrim

All Tests

Current Tests

FIG. 10A

1020

Otoqram

Report

Redo Some Tests 1002

New Session 1004

View Report 1006

Print Billing 1008

Print Report 1010

Tymp AR Pure Tone SRT SpDiscrim

All Tests

Change Report Style 1032 View Saved Report 1034 Save Report 1030

1028

Name J. Q.  
Date 09/14/2002  
Time 13:28  
DOB Age 45 years  
Sex Male

Chart# Profound Unilateral Loss  
Physician  
Tester  
Clinic  
Elapsed Tympany TAR: PT:13.98 SRT:2.95 SD:1.41

Tympany

Right Air and Bone Conduction

Left Air and Bone Conduction

Frequency in Hertz (Hz)

Hearing Level in Decibels (dB)

1022

1024

1026

Speech Intelligibility

Symbols

	250	500	1K	2K	3K	4K	6K	8K
Air	5	10	5	50	80	95	80	50
Bone	5	5	5	40	60	80	80	50
Gap	5	0	10					
AMsk				40	50			
BMsk	37	32	75		65			

	250	500	1K	2K	3K	4K	6K	8K
Air	10	10	5	40	35	40	50	
Bone	0	0	25	35	40	50		
Gap	10	5	15					
AMsk								
BMsk	32	27	51		95			

FIG. 10B

# REPLACEMENT SHEET

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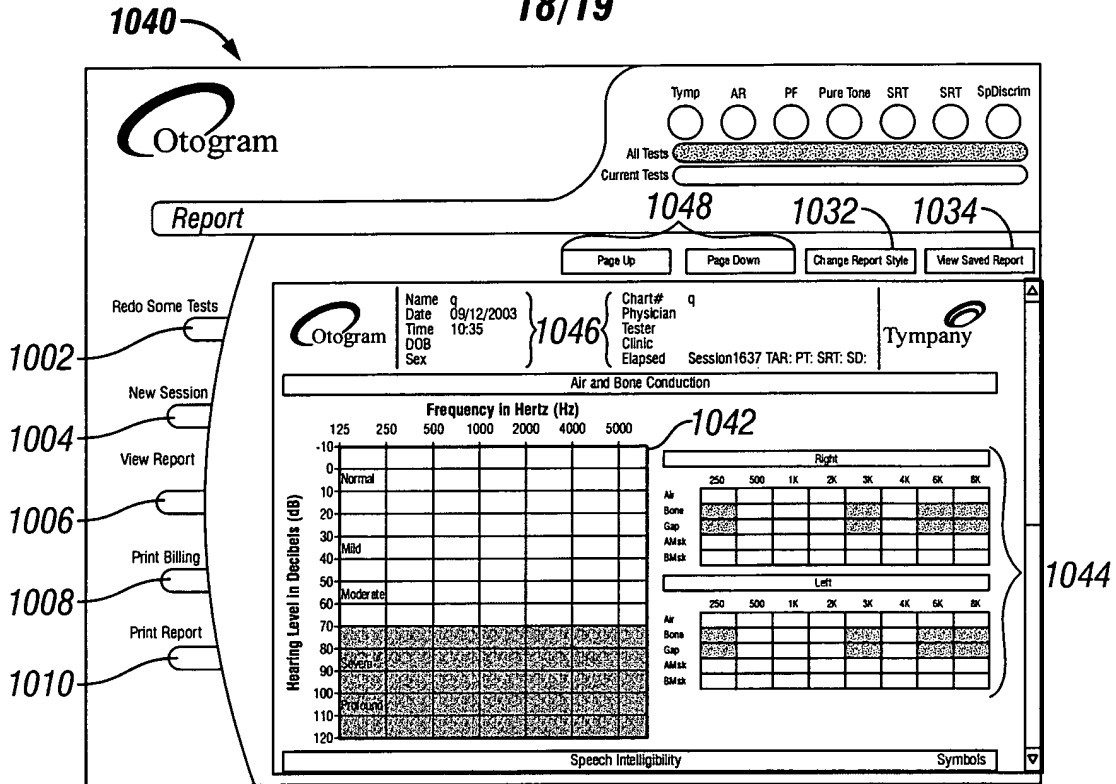


FIG. 10C

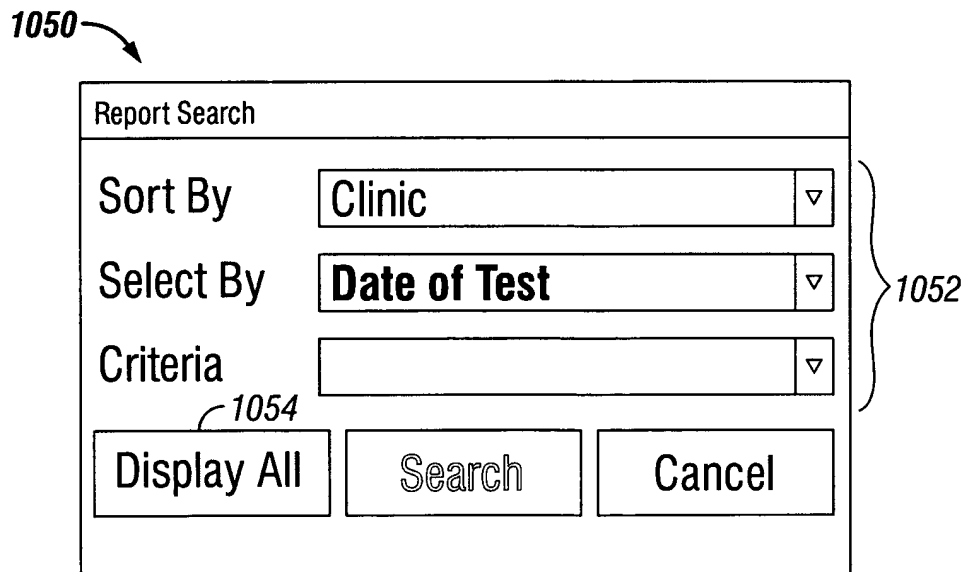


FIG. 10D

# REPLACEMENT SHEET

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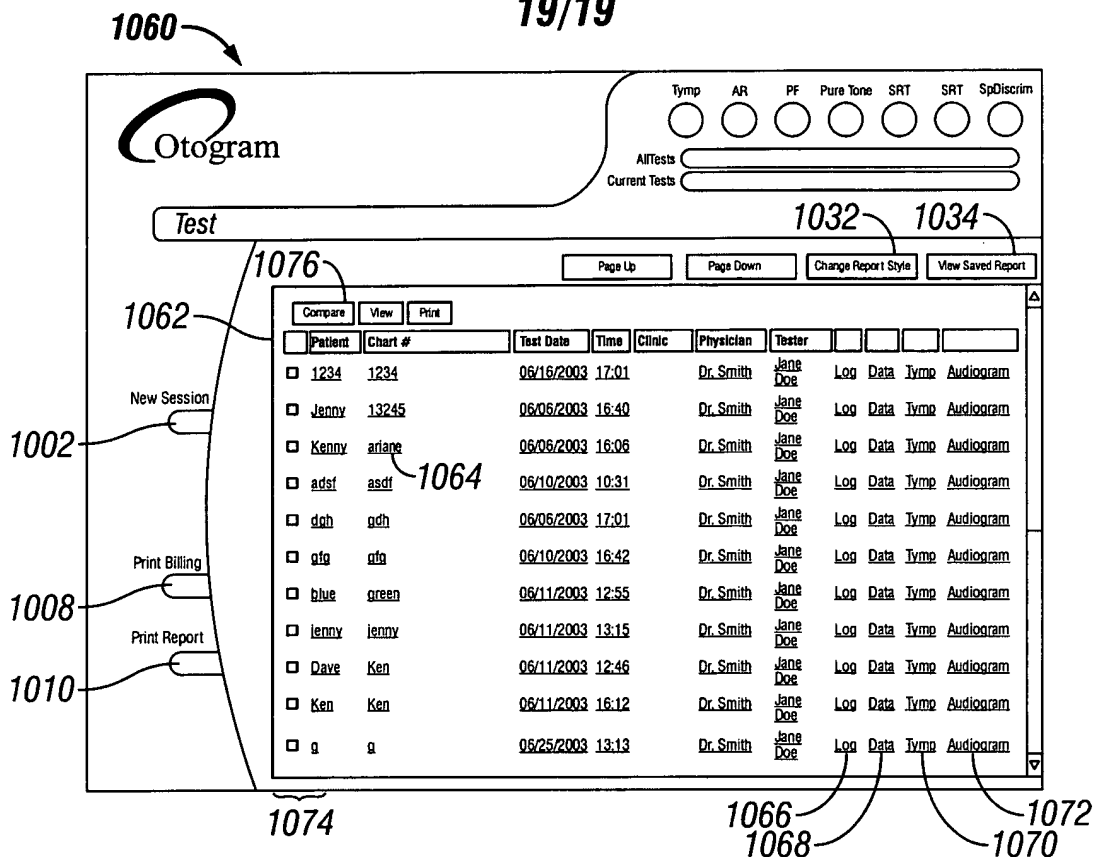


FIG. 10E

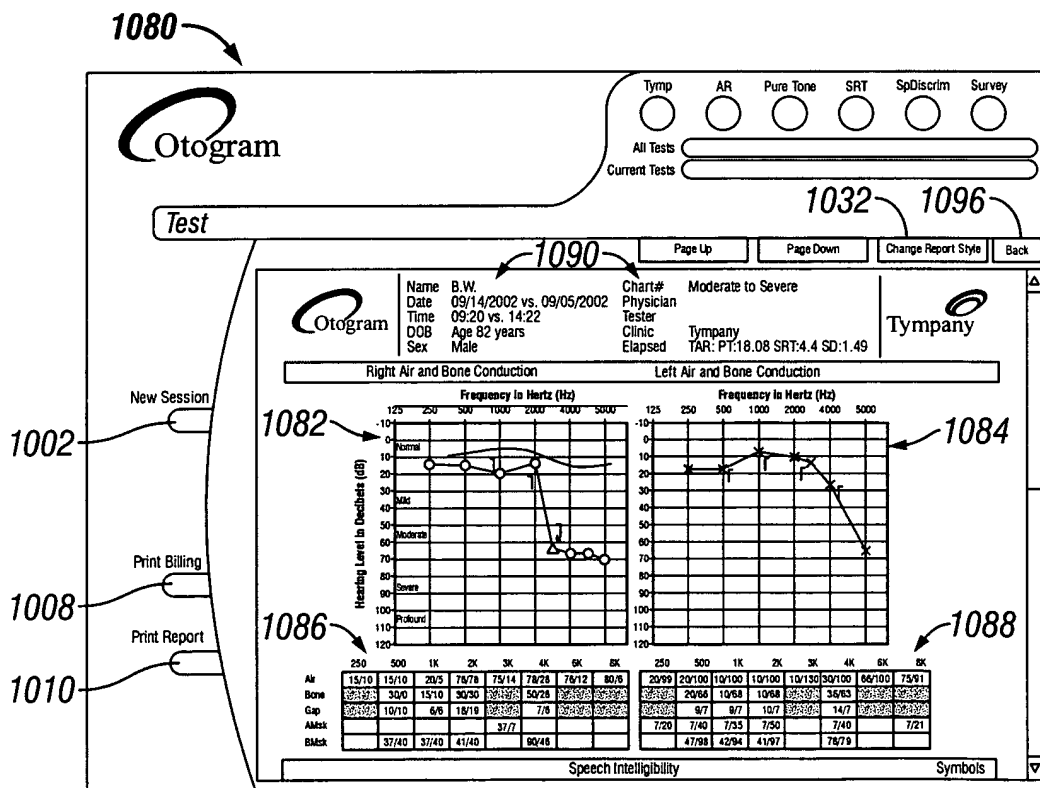


FIG. 10F